

## **Left Fork of Beaver Creek Refuse Phase II AML Enhancement Rule Project**

Pike County – Elkhorn City Quad.

### **Project Description**

Ten old coal refuse pile areas will be excavated to remove the usable coal, and to reduce the existing fire, water quality and airborne dust hazards. The project is centrally located on the Elkhorn City 7.5' United States Geological Survey (USGS) quadrangle at Latitude 37 ° 20' 57.7" and Longitude 82° 18' 43 (see the attached map). The total project area, 99.8 acres, includes 42.4 acres of pre-law coal slurry/refuse, 14.7 acres of access roads, 29.8 acres of borrow soil areas, 8.2 acres of existing pre-law mine benches, and 1.5 acres of on-site plant separator/screen area.

The refuse material (only from on-site) will be initially processed with a mobile dry coal separator on site, then the recovered coal will be trucked to a processing and distribution plant (permit # 898-8157 which will become permit # 898-8164). The remaining reject material will be placed in waste areas on site. Reclamation includes the addition of borrow material from on-site, fertilizer, lime, and planting grasses, clovers, and hardwood trees. Access roads are pre-existing. There is a 100 foot buffer zone for an existing gas well at Site 1.

Reject material will be placed on the old mine bench in two foot lifts and graded. No material will be placed on the outer one-third of the bench. The material will be graded to a maximum 2:1 slope with a minimum of four feet of cover over the coal seam. The reject material will be covered with the best available non-toxic cover material to a minimum two feet in depth. Drainage will be controlled by diversion ditches and sediment control devices as shown on the map. Any substandard water discharges will be treated. Unpaved roads will be watered for dust control. Any noise or dust complaints by the public will be promptly addressed.

In order to protect Indiana bat habitat, no trees will be cut or disturbed from April 1 to October 30, unless a bat survey is performed first, and the results indicate that tree removal is not a significant threat to wildlife, or mitigation is required. Installation and maintenance of hay-bales, silt fences, rock check dams, and a temporary sediment pond will minimize sedimentation at creeks and other critical areas. All construction disturbances will be kept to a minimum and vegetated as soon as practical. Construction of this project will include stream restoration for three stream sections at Sites 1, 3 and 10 that have been buried under coal refuse since at least the 1960s. Consulting engineering companies retained for this project submitted design plans for this project to the Kentucky Division of Water (DOW) for their review and approval. This approval process includes the identification and notice, to the party submitting the design plans, of all necessary permits, including floodplain permits and 401 WQC permits. Drawings of the typical restored stream channels are attached. A Kentucky Department of Air Quality permit S-10-061 has been received for this project for dust control. The engineers and/or contractors retained for this project are required to obtain all necessary permits. This Division will not fund this project until all required permits and authorizations are issued.